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INTELLIGENT NETWORK AND METHOD FOR PROVIDING
VOICE TELEPHONY OVER ATM

ABSTRACT OF THE DISCLOSURE

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5 An illustrative intelligent network and method for
providing voice telephony over ATM are provided that can
provide significant advantages. The intelligent network
includes a multi-service control point, an ATM signaling
intercept processor, and a service administration. The
multi-service control point receive an input extracted from
an input ATM setup message that includes a called party
phone number value and a VToA designator, and generates an
10 output in response for use in generating an output ATM
setup message. The ATM signaling intercept processor
intercepts the input ATM setup message from an ingress ATM
edge switch of the ATM network, extracts the input from the
input ATM setup message, communicates the input to the
15 multi-service control point, receives the output generated
by the multi-service control point, generates the output
ATM setup message using the output, and communicates the
output ATM setup message to the ingress ATM edge switch of
the ATM network. The service administration provisions the
20 multi-service control point and the ATM signaling intercept
processor. An illustrative method for providing VToA is
also provided.